

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

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***Device Specifications:***

Device Type: Matrix Switcher  
Manufacturer: PTN Electronics  
Firmware Version: N/A  
Model(s): MMX1616

***Version History:***

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	2/25/2014	1.6.0	3.5.1	Initial version.

***Driver Notes:***

**Control Commands & States:**

<b>All Outputs</b>	1:1	Input 1 – 16	Off
<b>Executive Mode</b>	Lock	Unlock	
<b>Input Select*</b>	1 – 16		
<b>Output 1 – 16</b>	Input 1 – 16	Off	
<b>Power Control</b>	On	Off	
<b>Preset Clear</b>	0 – 9		
<b>Preset Recall</b>	0 – 9		
<b>Preset Save</b>	0 – 9		
<b>Resolution</b>	1920x1080 1280x800	1024x768	1280x720
<b>Signal Type</b>	Video S-Video	VGA	YPbPr

\*Input Select is needed for Resolution and Signal Type

**Status Available:**

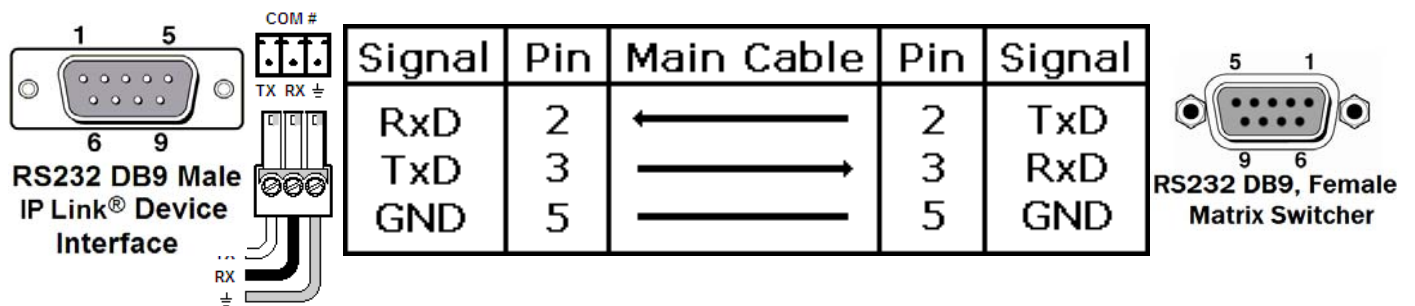
<b>Connection Status</b>	Connected	Disconnected
<b>Output 1 – 16</b>	Input 1 – 16	Off

**MLC60 Series Supported Commands:**

<b>Executive Mode</b>	Lock	Unlock
<b>Power Control</b>	On	Off
<b>Preset Clear</b>	0 – 9	
<b>Preset Recall</b>	0 – 9	
<b>Preset Save</b>	0 – 9	
<b>Resolution</b>	1920x1080 1280x800	1024x768 1280x720

**Cable and Adapter Requirements:**

M/F DB9 RS232 Straight Serial Cable

**Notes for the Device:****Serial communication:****Port Type:** RS-232**Baud Rate:** 9600**Data Bits:** 8**Parity:** None**Stop Bits:** 1**Flow Control:** None**Pin Assignments Diagram:**

Note: Captive screw connector may also be used as a serial connection.

**General Notes:**